

Researches Sent by the 1st ICECKR2018 Scientific Committee to the Reviewers

	Specialty	Research Title	Researchers	Notes
1	Architectural	Preserving the Architectural Heritage in Kurdistan of Iraq by Using Stone as Building Material/ Akre City as an Example.	Dr.Husam I. Rashid Dr. Abdul-Kader Hamy. Yousif H. Sulaiman	القاء فقط
2	Architectural	A review study on the Potential and Social Acceptability of Renewable Energy Sources in Kurdistan Region- Iraq	Diler Haji Morad	
3	Architectural	Impact of Outdoor Space Design Quality on Residents Social Interaction, Duhok City as Case Study.	Dr. Layla M. Rasul	
4	Architectural	The Role of urban Legislation in Improving the Mental Images of the City (Erbil City as Case Study)	Dr. Siba I. Taha	القاء فقط
5	Architectural	Finding Alternative Methods for Controlling the Power Shortage in Kurdistan through Improving Buildings' Energy Performance.	Kawar Tahseen	
6	Civil	Al-Hadbaa Minaret: Basis for Establishing the Monument Reconstruction.	Asaad Mohamed Al-Omari	القاء فقط
7	Civil/ Materials	Slant Shear Strength of Hybrid Concrete Made with Old and New Parts Using Reactive and Waste Inert Powders.	James H. Haido Youkhanna Zayia B. H. Abu-Baker	
8	Civil/ Soil	Design Chart of a Footing Located on a Crest of the Unsaturated Soil Slopes.	Suhail A. Khattab Bayar J. Al-Sulaifanie Rabi' A. Mohammed	
9	Civil/ Soil	Freezing-Thawing Behavior of Lime Treated Fine-Grained Soil	Abdul-Rahman Al-Daood* Amina Khalil* Marwan Bouasker Muzahim Al-Mukhtar	
10	Civil/ Soil	Volume Change and Cracks Behavior of Lime Treated Expansive Soils	Abdul-Rahman Al-Daood* Amina Khalil* Ibrahim Al-Kiki Madyan Al-Saffar	

11	Civil/ Soil	Slope Stability Problems Along the Main Roads in the Kurdistan Region	Faroojan Khajeek Sisak siakeain	
12	Civil/ Structure	Seismic Vulnerability Assessment of Single-Story Buildings in Kurdistan Region, Iraq.	Abdul-Hameed A. Yaseen* Mezgeen S. Ahmed*	
13	Civil/ Structure	Natural Frequencies Reduction of RC Slab Subjected to Incremental Concentrated Loads.	Mezgeen S. Ahmed* Abdul-Hameed A. Yaseen* Fouad A. Mohammed	
14	Civil/ Transportation	An Improvement of Three Leg Signalized Intersections in Duhok City, Kurdistan-Iraq	Baran R. Omer Sherzad W. Khalid	
15	Civil/ Transportation	Effect of Oxidative Aging on the Engineering Properties of DGAMs	Jasim Al-Hadidy Abdullah M. Rasheed	
16	Civil/ Transportation	Headway Modeling in Rural Two-Way Two-Lane Highways	Dr. Ayman A. Abdul-Mawjoud	
17	Computer	Hand Gesture Recognition Using Artificial Neural Networks with a Novel Line Feature Selection	Mayyadah Ramiz Mahmood ¹ , Adnan Mohsin Abdulazeez ^{2*} , Zeynep ORMAN ³	القاء فقط سحب
18	Computer	Discrete Wavelet Transform with Eigenface to Enhance Face Recognition Rate	Shakir Fattah Kak ¹ , Firas Mahmood Mustafa ² Pedro Valente ³	Hard Copy
19	Computer	A Parallel Heuristic Method for Optimizing a Real Life Problem: Agricultural Land Investment Problem	Sagvan Ali Saleh	Hard Copy
20	Computer	Shape-Based Retrieval of Arbitrarily Shaped Video Objects	Mohammed Jassim Mohammed	Hard Copy
21	Computer	Real-Time Liquid Level and Color Detection System Using Image Processing	Fars Esmat Samann	Hard Copy
22	Computer	Designing a Campus IP Network For Duhok University Using OPNET	Dr. Raghad Z. Yousif	Hard Copy
23	Computer	Electronic Learning System for Duhok Polytechnic University	Dr. Adnan Mohsen Abdulazeez*, Dr. Subhi R. M. Zeebaree, Abdulrahman I. Abdullah.	Hard Copy

24	Computer	Analysis the Relationship between Social Media and Education System in Kurdistan region of Iraq Using Chi-Square Test	Jihan Abdulazeez Ahmed Rassool	Hard Copy
25	Computer	Design and FPGA implementation of 11 th order Efficient IIR Wavelet Filter Banks with Approximate Linear-phase	Rasha Waleed	Hard Copy
26	Electrical	Design of a PV-Powered DC Water Pump System for Irrigation in Duhok City	Khairy A. Sado Lokman H. Hasan	
27	Environmental	The Impact of Septic Water on Soil Water Infiltration and Ground Water Contamination in Duhok City.	Shawkat Ahmed Lomyaa M. Hasan Hasan Ramadhan	
28	Environmental	The Effect of Using Geomatics Techniques for Detecting Pollutants in the (Tigris).	Suhaib Saad Haifaa Nasser	القاء فقط
29	Environmental	Medical Hazardous Waste Generation in Duhok Governorate: the Proper Disposal and Management Methods	Dr. Maha Al-ghabban	
30	Geomatics	The Use of Semi-Automated Method for Assessing the Horizontal Positional Accuracy of Google Earth Imagery.	Dr. Sarhat M. Adam Dr. Abdulrahman Farsat Heeto*	
31	Geomatics	Height Evaluation and Linear Accuracy of Digital Level, Total station, GPS and Orthophoto.	Abdulrahman Farsat Heeto,* Sami Mamlook Gilyane, Yousif Youkhanna Zaia	
32	Mechanical	Effect Of Step Loading On The Linear And Non-Linear Viscoelastic Behavior Of Solid Polymers Using Fem	Prof. Dr. A.S. Resen	Hard Copy
33	Mechanical	Saving Energy Using Local Available Insulation Materials in Erbil	Msc.Ali Mahmood Ibrahim Asst Prof. Dr Ramzi R. Ibraheem Asst. Prof. Rizgar Bakr Weli	Hard Copy
34	Mechanical	Thermal Analysis of Integrating Roof with Phase Change Materials for Energy Saving in Residential Buildings	Hayder M. Jaffal ¹ , Tawfeeq W. Mohammed ² Marwa H. Wasmi ³	Hard Copy
35	Mechanical	Mathematical Modeling for Prediction of Heating and Air-Conditioning Energies of Multistory Buildings in Duhok City.	Neven E. Zaya ¹ , Lokman H. Hassan ² , Halis Bilgil ³	Hard Copy

36	Mechanical	Effect of Rotary Friction Welding Parameters of Two Different Polymers (ABS, PE) on Their Mechanical Properties	Gailan Ismail Hassan ¹ Younis Khalid Khdir ² *	Hard Copy
37	Mechanical	Contact Stress Analysis of Spur Gear Under the Different Rotational Speed by Theoretical and Finite Element Method	Jwan Khalil Mohammed, Younis Khalid Khdir *, Safeen Yaseen Kasab	Hard Copy
38	Water Resources	Recharge Estimation from Precipitation using groundwater levels, south of Erbil, Kurdistan Region, Iraq	Sherwan Sharif Qurtas	

Notes:

- (11) Researches in the field of Civil Engineering.
- (9) Researches in the field of Computer Engineering.
- (7) Researches in the field of Mechanical Engineering.
- (5) Researches in the field of Architecture Engineering.
- (2) Researches in the field of Geomatics.
- (1) Researches in the field of Water Resources Engineering.
- (1) Researches in the field of Electrical Engineering.
- (3) Researches in the field of Environmental Engineering.
- (32) Researchers are from outside Duhok.
- (15) Presenting Researchers from outside Duhok
- (41) Researchers are from inside Duhok
- Names, Shaded with yellow color, are for researchers from outside.
- Names, Shaded with blue color, are for the presenting researchers
- * means the researcher has more than one paper.